



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Hinshaw et al.

Serial No.: 09/025,345

Filed: February 18, 1998

For: METAL COMPLEXES FOR USE AS
GAS GENERANTS

Confirmation No.: 9478

Examiner: E. Miller

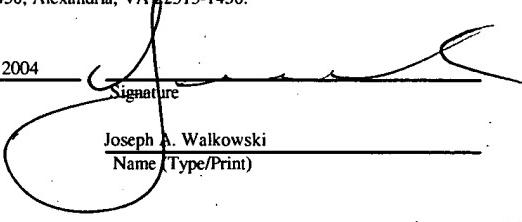
Group Art Unit: 3641

Attorney Docket No.: 2507-5818.1US
(21494-US-09)

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

January 16, 2004
Date


Joseph A. Walkowski
Name (Type/Print)

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as

defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
5,429,691	07/04/1995	Hinshaw et al.

Other Documents

- Ablov, A.V., et al., "Thermal decomposition of cobalt(III) ammines," Zhurnal Neorganicheskoi Khimii (1969), Chem. Abs. 72:85795 (SciFinder).
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- Beck, M.T., et al., "Reactions of the coordinated nitrite ions of nitroamminecobalt(III) complexes," Magyar Kemiai Folyoirat (1970), Chem. Abs. 72:128235 (SciFinder).
- Bhatta, D., et al., "Annealing of chemical radiation damage in hexammino- and nitratopentamminocobaltic nitrates," Indian Journal of Chemistry, Section A: Inorganic, Physical, Theoretical & Analytical (1982), Chem. Abs. 98:63203 (SciFinder).
- Cotton, F. Albert, et al., Advanced Inorganic Chemistry, 5th Ed., John Wiley & Sons, New York, 1988, p. 363.
- Do Ngoc Hue, et al., "Spectrophotometric determination of the stability constants of ammine-nitrite-cobalt(II) complexes, with consideration of the effect of dissolved oxygen," Zhurnal Obshchei Khimii (1988), Chem. Abs. 108:157228 (SciFinder).
- Fronczek, F. R., et al., "Reinvestigation of the crystal structure of decaammine μ -peroxodicobalt tetrathiocyanate," Acta Crystallographica, Section B: Structural Crystallography and Crystal Chemistry (1974), Chem. Abs. 80:88249 (SciFinder).
- Hagel, R.B., et al., "The Triamines of Cobalt (III). I. Geometrical Isomers of Trinitrotriamminecobalt(III)," Inorganic Chemistry, Vol. 9, No. 6, June 1970, pp. 1496-1502.
- Jackson, W.G., "Oxygen scrambling in pentaamminenitritocobalt(III) revisited," Inorganica Chimica Acta (1988), Chem. Abs., 109:177477 (SciFinder).
- Kapanadze, T. Sh., et al., "Cobalt(III) sulfito mixed ligand complexes," Koordinatsionnaya Khimiya (1989), Chem. Abs., 111:89270 (SciFinder).
- King, Henry C.A., "Solubilities and enthalpies of solution of a series of pentammine complexes," Revista Latinoamericana de Quimica (1972), Chem. Abs. 76:158971 (SciFinder).
- King, H.J.S., "Researches on Chromammunes, Part II, Hydroxopentamminochromic Salts and Electrical Conductivities of Chromammunes," Hydroxopentamminochromic Salts, Etc., July 1925, pp. 2100-2109.

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Klyuchnikov, N.G., et al., "Preparation of Some Hydrazine Compounds of Palladium," Russian Journal of Inorganic Chemistry, 13 (3), 1968, pp. 416-418.

Laing, M., "mer- and fac-[Co(NH₃)₃(NO₂)₃]: Do They Exist?," Journal of Chemical Education, Vol. 62, No. 8, Aug. 1985, pp. 707-709.

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Miskowski, V. M., et al., "Crystal structure and polarized electronic spectra of a (μ -superoxo)dicobalt(III) complex: [((NH₃)₅Co)₂O₂](NO₃)₂C₁₃.2H₂O," Inorganic Chemistry (1984), Chem. Abs. 100:59011 (SciFinder).

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Schmitz-DuMont, V.O., et al., "Hydroxokobalt(III)-amide," Z. anorg. allg. Chemie, Bd. 300, 1959, pp. 175-193.

Shibata, M., et al., "Synthesis of Nitroammine- and Cyanoamminecobalt(III) Complexes with Potassium Tricarbonatocobaltate(III) as the Starting Material," Inorganic Chemistry, Vol. 3, No. 11, Nov. 1964, pp. 1573-1576.

Shibata, M., "Optically active cis-unidentate-dicarbonato, cis-cis-diunidentate-carbonato, and unidentate glycinate cobalt(III) complexes," Inorganic Syntheses (1985), Chem. Abs. 104:121865 (SciFinder).

Siebert, V.H., "Isomere des Trinitrotriamminkobalt(III)," Z. anorg. Allg. Chem. 441 (1978), pp. 47-57.

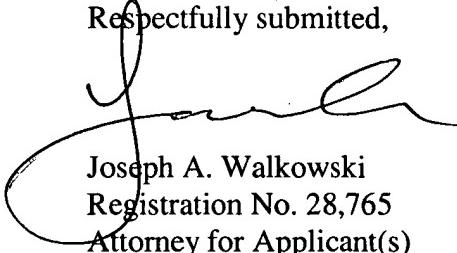
Wieghardt, K., et al., " μ -Carboxylatodi- μ -Hydroxo-Bis[triamminecobalt(III)] Complexes," Inorganic Synthesis 23, 1985, pp. 107-116.

Applicants offer to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is filed after the mailing date of the first Office Action on the merits.

The fee pursuant to 37 C.F.R. § 1.17(p) is enclosed.

Respectfully submitted,



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Enclosures: Form PTO-1449
Copy of documents cited
Check in the amount of \$180.00

Document in ProLaw

Form PTO-1449 INFORMATION DISCLOSURE & CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Docket Number (Optional) 5818.1US (21494-US-09)	Application Number 09/025,345
		Applicant Hinshaw et al.	
		Filing Date February 18, 1998	Group Art Unit 3641

U.S. PATENT DOCUMENTS

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	5,429,691	07/04/1995	Hinshaw et al.			

OTHER DOCUMENTS

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	Ablov, A.V., et al., "Thermal decomposition of cobalt(III) ammines," Zhurnal Neorganicheskoi Khimii (1969), Chem. Abs. 72:85795 (SciFinder).
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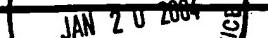
OTHER DOCUMENTS

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	King, H.J.S., "Researches on Chromammines, Part II, Hydroxopentamminochromic Salts and Electrical Conductivities of Chromammines," <i>Hydroxopentamminochromic Salts, Etc.</i> , July 1925, pp. 2100-2109.
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<p>Form PTO-1449</p> <p>INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION</p> <p><i>(Use several sheets if necessary)</i></p>	 <p>JAN 20 2004</p> <p>PTAB - PATENT & TRADEMARK OFFICE</p>	<p>Docket Number (Optional) 5818.1US (21494-US-09)</p> <p>Application Number 09/025,345</p>
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